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Edited by
Helen Zhang, M. Han and X.J. Zhao



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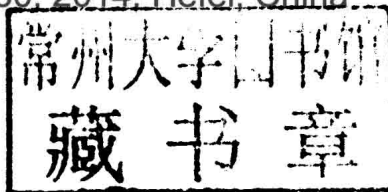
**Advanced Research on Materials,
Chemistry and Informatization IV**

Helen Zhang, M. Han and X.J. Zhao



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Selected, peer reviewed papers from the
2014 4th International Conference on
Material Engineering, Chemistry, Bioinformatics
(MECB 2014),
November 29-30, 2014, Hefei, China



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Preface

MECB2014 is a comprehensive conference, and it is an integrated conference concentrating its focus upon Materials, Chemistry and Engineering Researches in area of Machinery and Technologies and Informatization. In the proceeding, you can learn much more knowledge about Materials, Chemistry and Engineering Researches in area of Machinery and Technologies and Informatization of researchers all around the world. The main role of the proceeding is to be used as an exchange pillar for researchers who are working in the mentioned field. In order to meet high standard of Applied Mechanics and Materials, the organization committee has made their efforts to do the following things. Firstly, poor quality paper has been refused after reviewing course by anonymous referee experts. Secondly, periodically review meetings have been held around the reviewers about five times for exchanging reviewing suggestions. Finally, the conference organization had several preliminary sessions before the conference. Through efforts of different people and departments, the conference will be successful and fruitful.

MECB2014 is co-sponsored by ISER Association, Beijing Gireida Education Research Center and VIP-Information Conference Center, China. The goal of the conference is to provide researchers from Materials, Chemistry and Engineering Researches in area of Machinery and Technologies and Informatization fields with a free exchanging forum to share the new ideas, new innovation and solutions with each other. In addition, the conference organizer will invite some famous keynote speaker to deliver their speech in the conference. All participants will have chance to discuss with the speakers face to face, which is very helpful for participants.

During the organization course, we have got help from different people, different departments, different institutions. Here, we would like to show our first sincere thanks to Mr. Thomas Wohlbier, Anne and Trans Tech Publications for their kind and enthusiastic help and support for our conference. Secondly, the authors should be thanked too for their enthusiastic writing attitudes toward their papers. Thirdly, all members of program chairs, reviewers and program committees should also be appreciated for their hard work.

In a word, it is the different team efforts that they make our conference be successful on **November 29-30, 2014, Hefei, China**. We hope that all of participants can give us good suggestions to improve our working efficiency and service in the future. And we also hope to get your supporting all the way. Next year, In 2015, we look forward to seeing all of you at MECB2015.

October, 2014

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